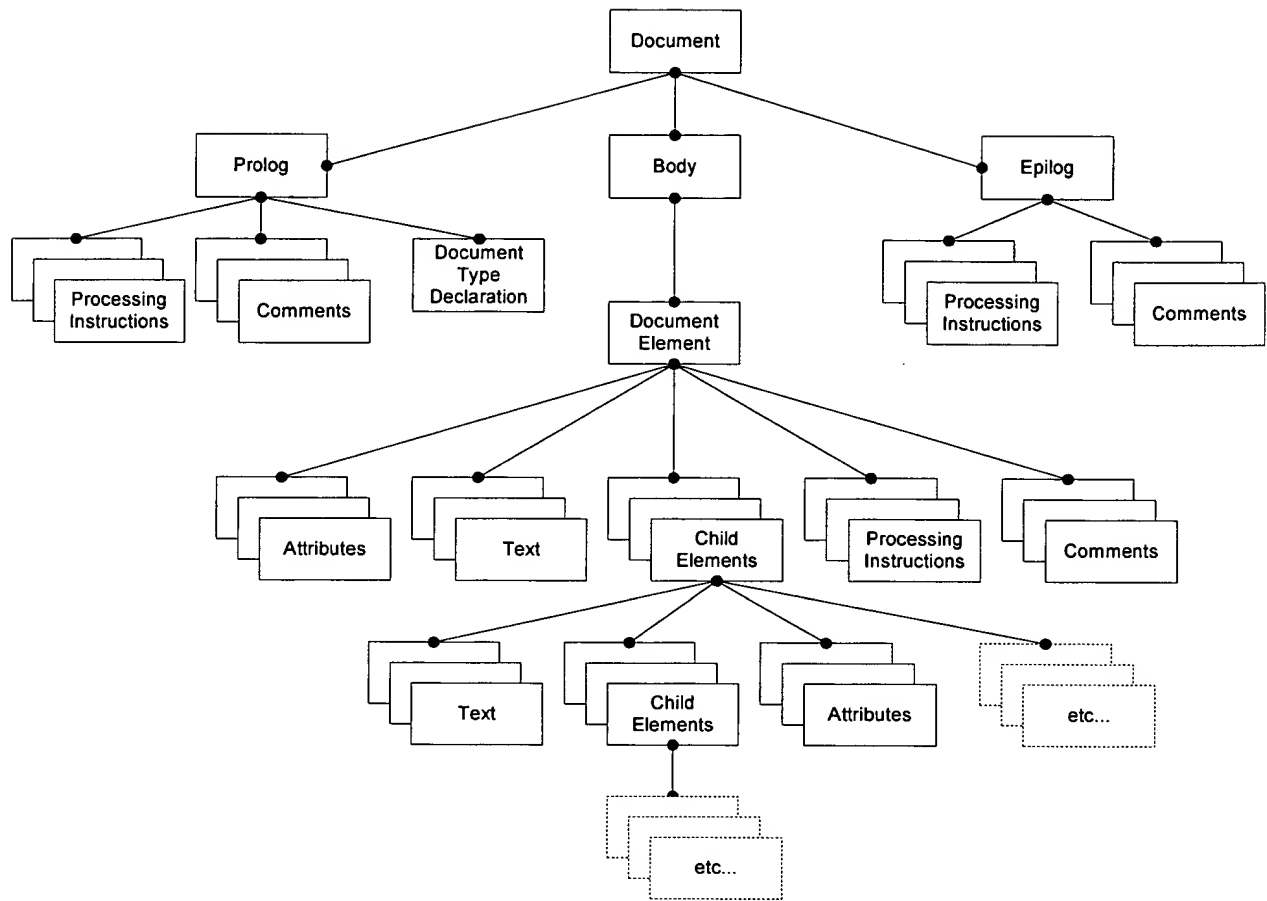


Figure 1 - XML Document Structure



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FIG. 2. – XML Data Table With Sample Data.

ID	SEQ	ANCESTORS	IMMEDIATE_P ARENT	DATA_NAME	DATA_TYPE	VALUE	EMPTY
1	1	customer	prolog	XML	PI	version= "1.0"	0
1	2	customer	prolog	MyPI	PI	some PI data	0
1	3	customer	customer	type	attr	preferre d	0
1	4	customer/name[1]	name	pcdata[1]	text	John Smith	0
1	5	customer/gender[1]	gender	pcdata[1]	text	male	0
1	6	customer/phone[1]	phone	type	attr	home	0
1	7	customer/phone[1]	phone	pcdata[1]	text	516.555. 1234	0
1	8	customer/phone[2]	phone	type	attr	office	0
1	9	customer/phone[2]	phone	pcdata[1]	text	212.555. 1234	0
1	10	customer/hobby[1]	hobby	name	attr	skiing	1
1	11	customer	epilog		comment	this is the end of the document	0

4626350 4626350

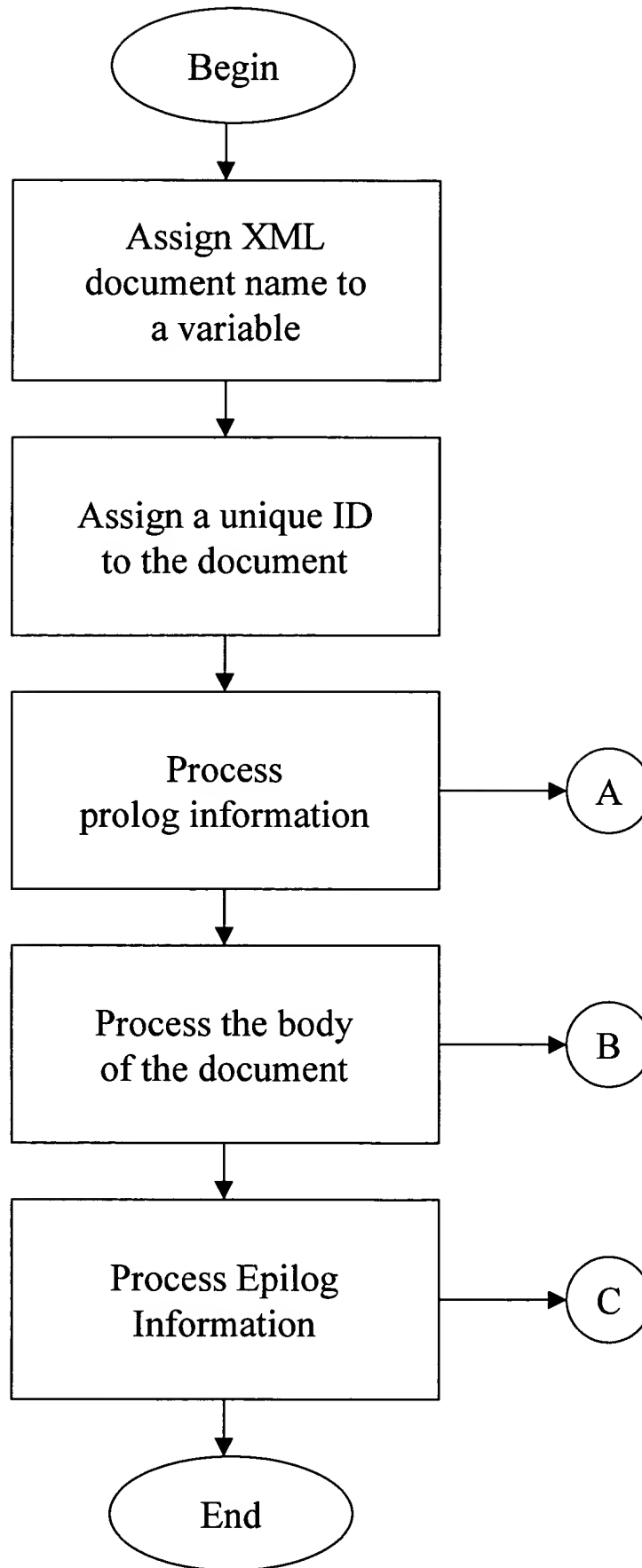


FIG. 3

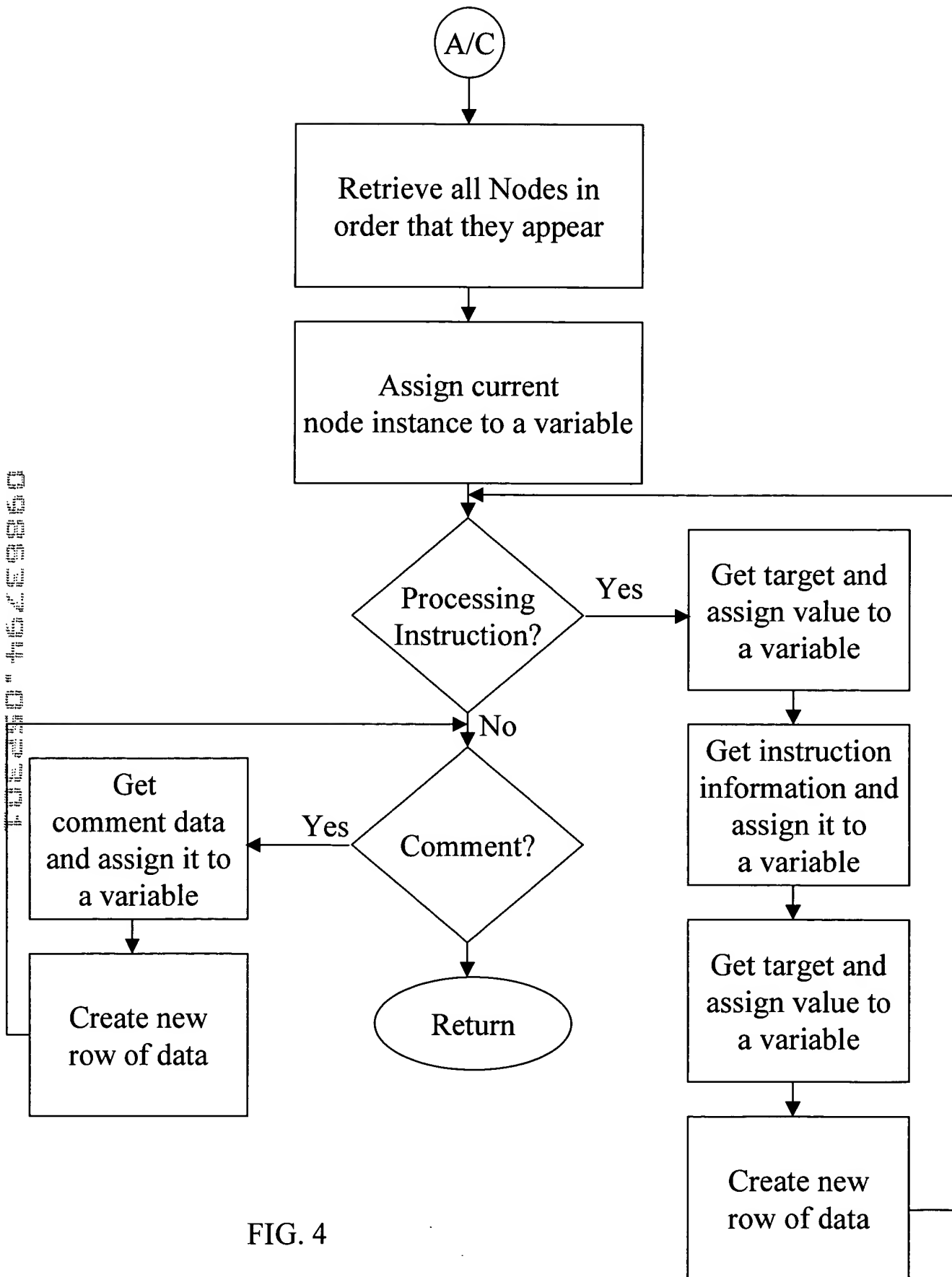
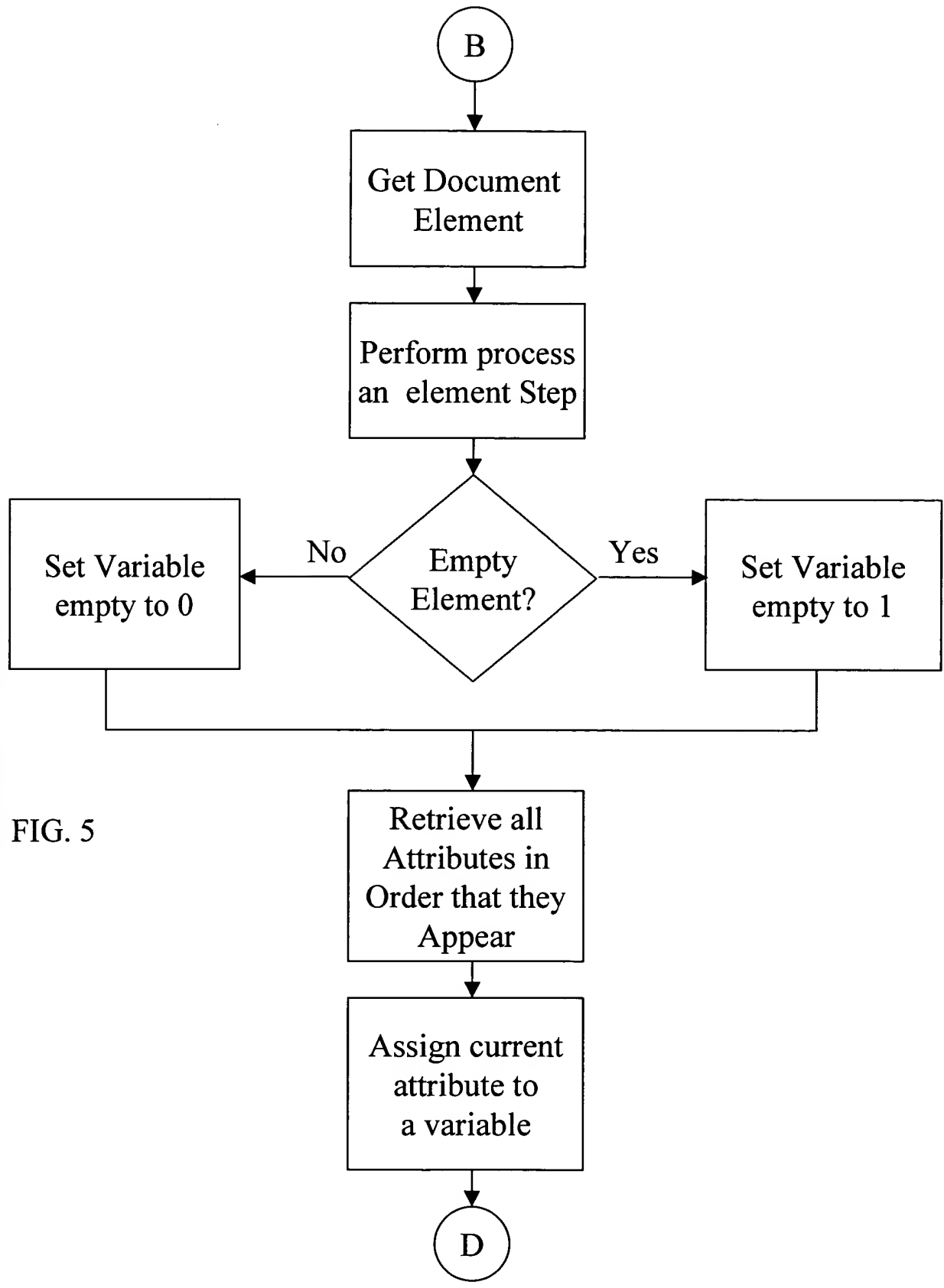


FIG. 5



49250 45250

FIG. 5A

